

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Donald Colin Murray OATES

Serial No.: 10/031,254

Filed: October 23, 2001

Title: AN IMPROVED ELECTRICAL

<u>X</u> under 37 CFR 1.97(b), or

**SUBSTATION** 

Attorney Docket No.: P/70038/Alstom

Group Art Unit: 2838

Examiner:

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Commissioner for Patents Washington, D.C. 20231

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
under 37 CFR 1.97(c) together with either a:  Statement under 37 CFR 1.97(e), or  a \$180.00 fee under 37 CFR 1.17(p), or  (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
 under 37 CFR 1.97(d) together with a:  Statement under 37 CFR 1.97(e), and a \$180.00 fee set forth in 37 CFR 1.17(p).  (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail No. <u>EL 659 645 104 US</u> in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit: November 4, 2002

Typed Name: Alan ISRAEL

Signature:

Alan Israel

Attorney/Agent for Applicant(s)

Reg. No. 27564

Date: November 4, 2002

Telephone No.: 212-697-3750

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of 1995, no sersons are required to respond to a collection of information unless it displays a valid OMB control number. Under the Paperwork Reduc Complete if Known Substitute for form 1449A/PTO **Application Number** 10/031,254 INFORMATION DIS Filing Date October 23, 2001 STATEMENT BY APPLIC **First Named Inventor Donald Colin Murray OATES** 2838 **Group Art Unit** (use as many sheets as necessary) Examiner Name 1 Sheet of **Attorney Docket Number** P/70038/Alstom

				U.S. PATENT DOCUMEN	TS	
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code² (if known)				
		5,109,185		Ball	04/29/1992	
		5,108,058		Ionescu, et al.	05/21/1991	
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				FORE	IGN PATENT DOCUMENTS			
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code⁵ (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Te €
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<sup>\*</sup>EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.